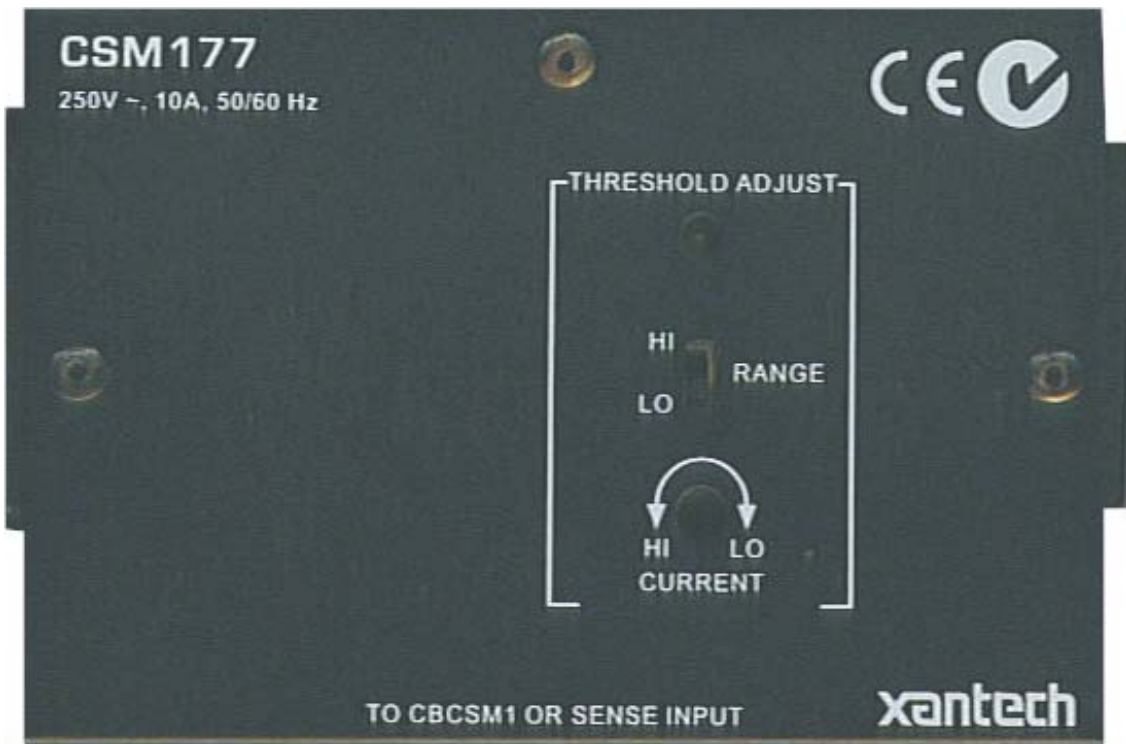


LinTronic

<http://www.lintronic.dk>

ON/OFF CONTROL BY XANTECH CURRENT SENSOR



FOREWORD

Sending an infrared Power command to a device/apparatus, will cause it to turn Off, it was already On, or Off it it was already On.

In order for our TT455-RT-238 Signal Converter to know whether to send the Power command or not, when specifically trying to control the device On or Off, it is necessary to know the On/Off status of the device/apparatus.

The purpose of this ApplicationNote is to detect the actual On/Off status of the apparatus to be controlled, before sending an infrared Power function.

The XanTech current sensor sends a digital On/Off signal to the LinTronic TT455-RT-238.

When requested to turn on the device/apparatus, the TT455-RT-238 will check the digital input to determine whether to send Power or not.

Having send the Power command, the TT455-RT-238 firmware was designed to wait 3 seconds and re-check/re-transmit up to 3 times if device/apparatus did not turn properly On/Off as required.

NOTE: In order to obtain the best result, special software for the TT455-RT-238 was created for the customer.

Xantech CurrentSensor: ON/OFF CONTROL

